Fig. 1

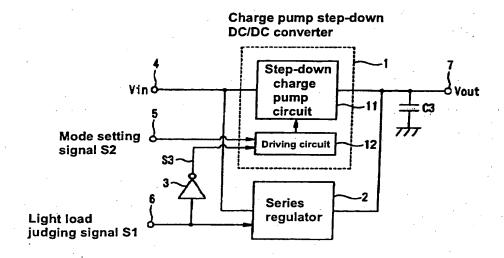


Fig. 2

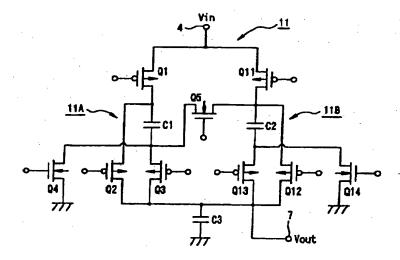


Fig. 3

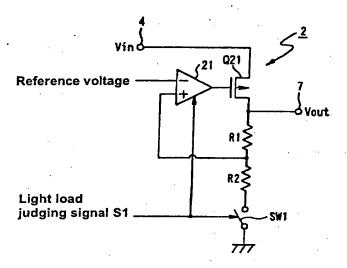
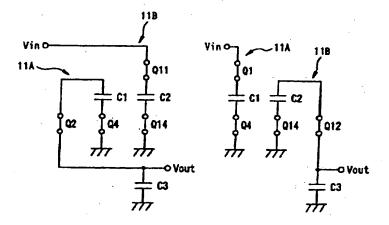


Fig. 4 A

Fig. 4 B



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Fig. 5 A

Fig. 5 B

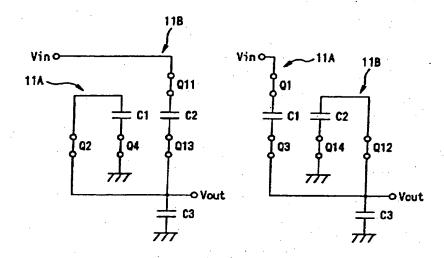


Fig. 6

Step-down switching regulator

Series regulator

Light load judging signal S1

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Fig. 7

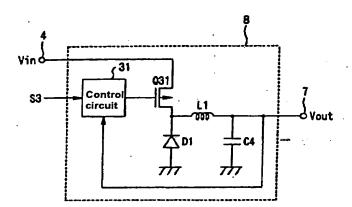
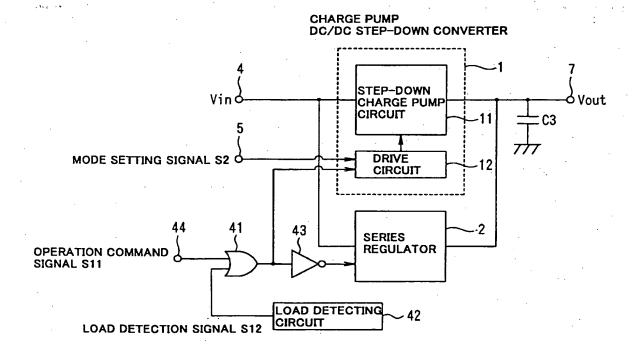
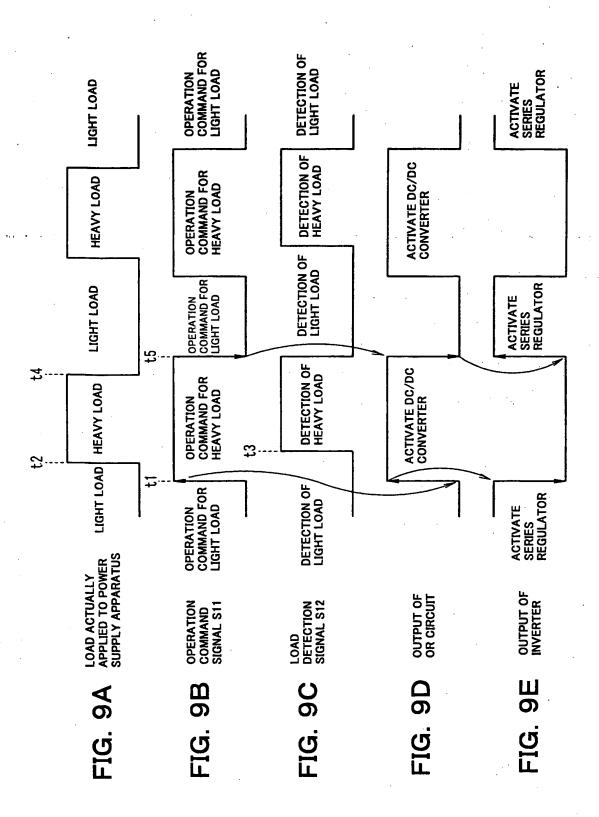


FIG. 8

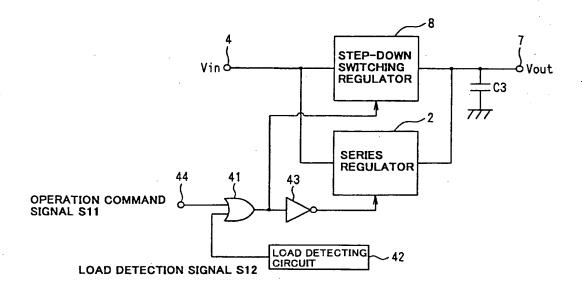


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FIG. 10



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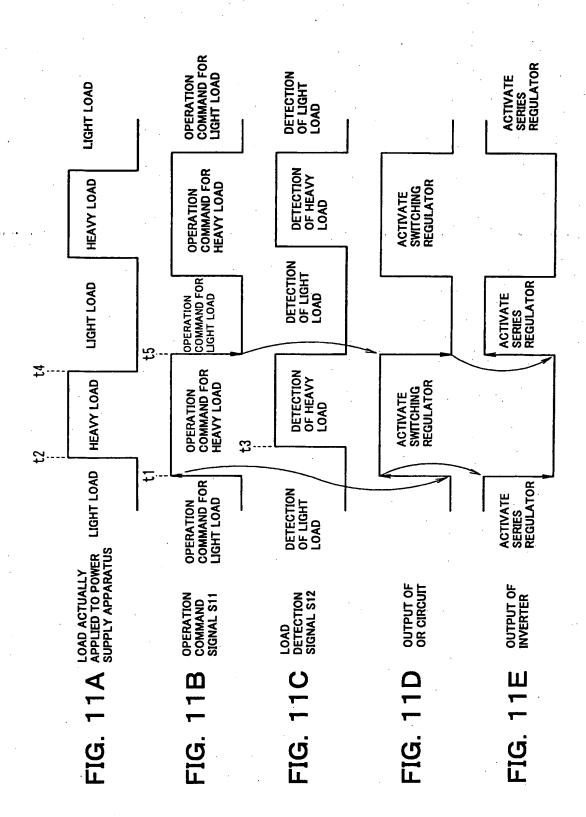


FIG. 12

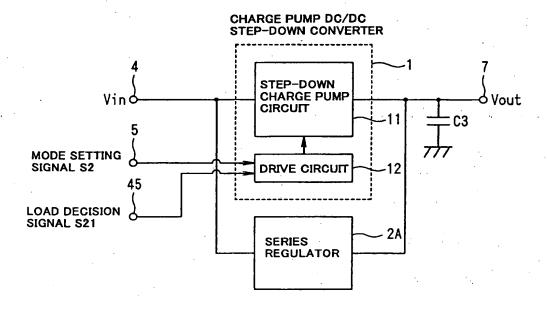
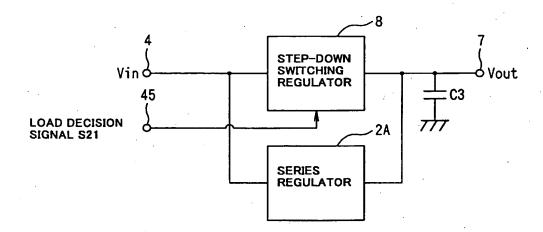
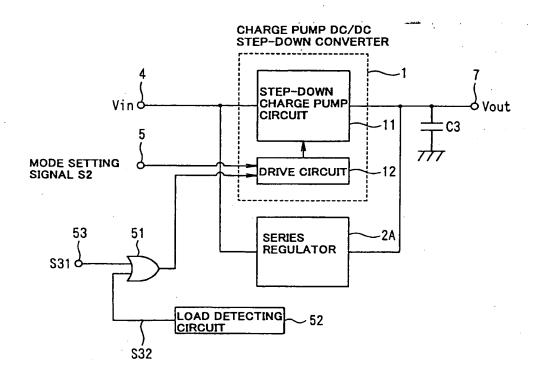


FIG. 13



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FIG. 14



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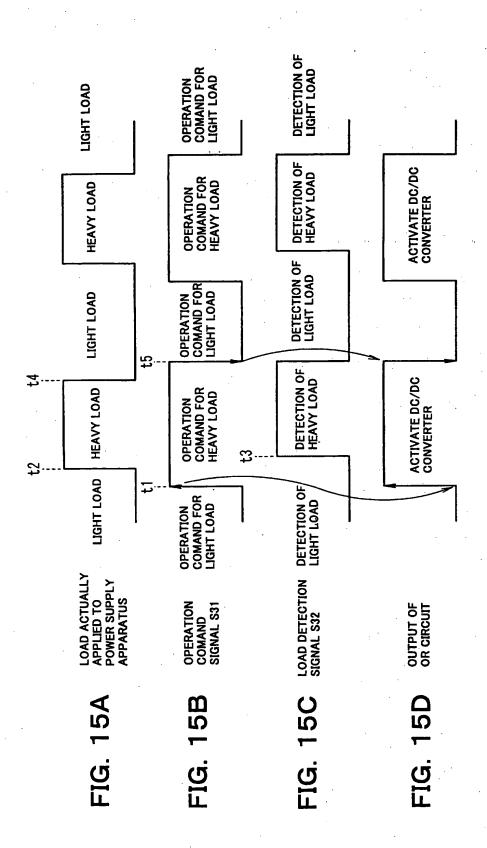
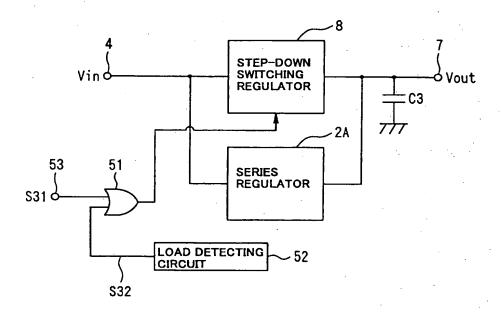


FIG. 16



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